

Finding the Percentage of Inflow and Infiltration – Practice Problem Answer

The average flow to your facility is 1.25 MGD. When you receive ½ inch of rain, your flow increases to 4.5 MGD. What is the percentage of inflow and infiltration?

$$\text{Percent inflow and infiltration} = \frac{1.25 \text{ MGD}}{4.5 \text{ MGD}} \times 100 = 28\%$$